

CLAIMS

1. An antimicrobial composition comprising:
tetravalent metal phosphate-based antimicrobial particles
5 represented by Formula (1); and
inorganic compound particles having a Mohs hardness of equal to or
less than 6;
the maximum particle size of these particles being substantially
equal to or less than 10 μm
10 $\text{Ag}_a\text{Q}_b\text{M}_2(\text{PO}_4)_3 \cdot n\text{H}_2\text{O}$ (1)
(in the formula, Q denotes at least one type of ion selected from the group
consisting of an alkali metal ion, an alkaline earth metal ion, ammonium
ion, and hydrogen ion, M is a tetravalent metal ion, n is a number
satisfying $0 \leq n \leq 6$, a and b are both positive numbers, m is the valence of
15 Q, and $a + mb = 1$).
2. The antimicrobial composition according to Claim 1, wherein the
tetravalent metal phosphate-based antimicrobial particles and the
inorganic compound particles have an average particle size of 0.1 to 5 μm .
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3. The antimicrobial composition according to Claim 1, wherein the
average particle size of the inorganic compound particles is smaller than
the average particle size of the tetravalent metal phosphate-based
antimicrobial particles.
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4. The antimicrobial composition according to Claim 1, wherein the
inorganic compound particles are anatase titanium dioxide having no
photocatalytic activity.

5. The antimicrobial composition according to Claim 1, wherein the mixing ratio of the tetravalent metal phosphate-based antimicrobial particles and the inorganic compound particles is 95:5 to 10:90.

5 6. An antimicrobial product comprising the antimicrobial composition according to any one of Claims 1 to 5.

7. The antimicrobial product according to Claim 6, wherein the antimicrobial product is an antimicrobial fiber or an antimicrobial film.

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